

## IF Data Handling Client Tools (ifdhc) - Bug #7598

### cpn lock is wrapped around all transfers, including those that don't need it

01/09/2015 09:25 AM - Philip Rodrigues

<b>Status:</b>	Closed	<b>Start date:</b>	01/09/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Description</b>			
When calling "ifdh cp" like:  ifdh cp /some/bluearc/file dest \; /some/pnfs/file dest \; /lots/more/pnfs/files dest  ifdh takes out one lock that it holds while doing all the copies. This is inefficient since the lock is held while doing the pnfs copies. I suppose the way to fix it is to sort the list of transfers into those that need a cpn lock and those that don't, take out one cpn lock for the former set, release it, and then do the latter set. This seems fiddly (especially after looking at the ifdh_cp code), but this problem is making minerva genie jobs run with low efficiency, like 25%.			

#### Associated revisions

##### Revision a195b0ca - 03/19/2015 03:06 PM - Marc Mengel

draft of change for #7598

##### Revision e78b865f - 03/20/2015 10:57 AM - Marc Mengel

lock range adjustment -- resolves #7598

#### History

##### #1 - 03/20/2015 11:41 AM - Marc Mengel

- Status changed from New to Resolved
- % Done changed from 0 to 100

Applied in changeset [e78b865fd50dedd32ca59d8e8b086805222556ca](#).

##### #2 - 05/19/2015 10:00 AM - Philip Rodrigues

What version of ifdh do we need to get this fix? We're running into the same problem again

##### #3 - 09/19/2016 10:07 AM - Marc Mengel

- Status changed from Resolved to Closed